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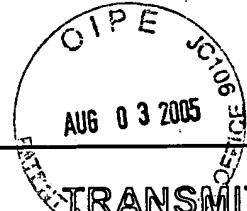
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Atty. Docket No.: 016301-019930US (A1771)
Application No.: 08/988,246
Titled: Method and Apparatus for Monitoring and Adjusting Chamber Impedance
Inventor(s): Sebastien Raoux, et al.
Date Mailed: January 9, 2004
Atty/Secy: RL:asb
Enclosed 1) Transmittal
2) Fee Transmittal-In Duplicate
3) Terminal Disclaimer
4) Statement Under 3.73b
5) Copy of Assignment
6) Two Return Postcards



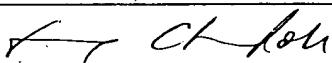
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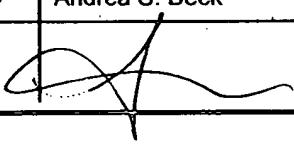
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	08/988,246
		Filing Date	December 1, 1997
		First Named Inventor	Raoux, Sebastien
		Art Unit	1763
		Examiner Name	Rudy Zervigon
Total Number of Pages in This Submission		Attorney Docket Number	A1771/T19930

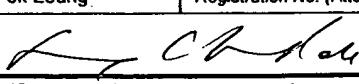
ENCLOSURES (Check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input checked="" type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Statement Under 3.73 B Copy of Assignment Return Postcard	
		Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	Townsend and Townsend and Crew LLP Chun-Pok Leung	
Signature		
Date	1-9-04	

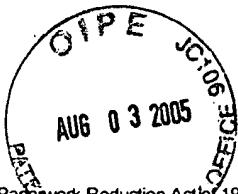
CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Andrea S. Beck		
Signature		Date	1/9/04

FEETRANSMITTAL AUG 03 2005 for FY 2004 <small>Effective 10/01/2003. Patent fees are subject to annual revision.</small>		<i>Complete if Known</i>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	08/988,246
		Filing Date	December 1, 1997
		First Named Inventor	Raoux, Sebastien
		Examiner Name	Rudy Zervigon
		Art Unit	1763
		Attorney Docket No.	A1771/T19930

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ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td></td><td>1051</td><td>130</td><td></td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td></td><td>1052</td><td>50</td><td></td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td></td><td>1053</td><td>130</td><td></td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td></td><td>1812</td><td>2,520</td><td></td><td>1812</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td></td><td>1804</td><td>920*</td><td></td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td></td><td>1805</td><td>1,840*</td><td></td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td></td><td>1251</td><td>110</td><td></td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td></td><td>1252</td><td>420</td><td></td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td></td><td>1253</td><td>950</td><td></td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td></td><td>1254</td><td>1,480</td><td></td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td></td><td>1255</td><td>2,010</td><td></td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td></td><td>1401</td><td>330</td><td></td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td></td><td>1402</td><td>330</td><td></td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td></td><td>1403</td><td>290</td><td></td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td></td><td>1451</td><td>1,510</td><td></td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td></td><td>1452</td><td>110</td><td></td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td></td><td>1453</td><td>1,330</td><td></td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td></td><td>1501</td><td>1,330</td><td></td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td></td><td>1502</td><td>480</td><td></td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td></td><td>1503</td><td>640</td><td></td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td></td><td>1460</td><td>130</td><td></td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td></td><td>1807</td><td>50</td><td></td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td></td><td>1806</td><td>180</td><td></td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td></td><td>8021</td><td>40</td><td></td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td></td><td>1809</td><td>770</td><td></td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td></td><td>1810</td><td>770</td><td></td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td></td><td>1801</td><td>770</td><td></td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td></td><td>1802</td><td>900</td><td></td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4"> Other fee (specify) Terminal Disclaimer- <small>**or number previously paid, if greater; For Reissues, see above</small> </td> </tr> <tr> <td colspan="4"> <small>*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$110)</small> </td> </tr> </tbody></table>				Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid		1051	130		2051	65	Surcharge - late filing fee or oath			1052	50		2052	25	Surcharge - late provisional filing fee or cover sheet			1053	130		1053	130	Non-English specification			1812	2,520		1812	2,520	For filing a request for reexamination			1804	920*		1804	920*	Requesting publication of SIR prior to Examiner action			1805	1,840*		1805	1,840*	Requesting publication of SIR after Examiner action			1251	110		2251	55	Extension for reply within first month			1252	420		2252	210	Extension for reply within second month			1253	950		2253	475	Extension for reply within third month			1254	1,480		2254	740	Extension for reply within fourth month			1255	2,010		2255	1,005	Extension for reply within fifth month			1401	330		2401	165	Notice of Appeal			1402	330		2402	165	Filing a brief in support of an appeal			1403	290		2403	145	Request for oral hearing			1451	1,510		1451	1,510	Petition to institute a public use proceeding			1452	110		2452	55	Petition to revive - unavoidable			1453	1,330		2453	665	Petition to revive - unintentional			1501	1,330		2501	665	Utility issue fee (or reissue)			1502	480		2502	240	Design issue fee			1503	640		2503	320	Plant issue fee			1460	130		1460	130	Petitions to the Commissioner			1807	50		1807	50	Petitions related to provisional applications			1806	180		1806	180	Submission of Information Disclosure Stmt			8021	40		8021	40	Recording each patent assignment per property (times number of properties)			1809	770		2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))			1810	770		2810	385	For each additional invention to be examined (37 CFR § 1.129(b))			1801	770		2801	385	Request for Continued Examination (RCE)			1802	900		1802	900	Request for expedited examination of a design application		Other fee (specify) Terminal Disclaimer- <small>**or number previously paid, if greater; 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SUBMITTED BY		<i>Complete (if applicable)</i>		
Name (Print/Type)	Chun-Pok Leung	Registration No. (Attorney/Agent)	41,405	Telephone 650-326-2400
Signature				Date 1-9-04

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TERMINAL DISCLAIMER TO OBLIGATE A DOUBLE PATENTING
REJECTION OVER A PRIOR PATENTDocket Number (Optional)
A1771/T19930

In re Application of: SEBASTIEN RAOUX

Application No. 08/988,246

Filed: December 1, 1997

For: METHOD AND APPARATUS FOR MONITORING AND ADJUSTING CHAMBER IMPEDANCE

The owner, Applied Materials, Inc. of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 to 156 and 173, as presently shortened by any terminal disclaimer, of prior Patent Nos. 6,098,568 and 6,041,734. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that it later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. For submissions on behalf of an organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. The undersigned is an attorney of record.


Signature8/25/03
Date

Don Kumamoto
Vice President Intellectual Property
Typed or printed name & Litigation

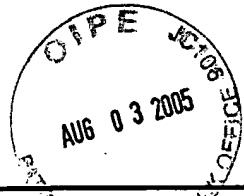
Terminal disclaimer fee under 37 CFR 1.20(d) is included.

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*Certification under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

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PA 3299542 v1



Attorney Docket No. A1771/T19930

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Sebastien Raoux, et al.

Application No./Patent No.: 08/988,246

Filed/Issue Date: December 1, 1997

Entitled: METHOD AND APPARATUS FOR MONITORING AND ADJUSTING CHAMBER IMPEDANCE

Applied Materials, Inc. a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office on December 1, 1997 at Reel 8897, Frame 0170, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
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3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

8/25/03

Date

Don Kumamoto

Typed or printed name

Signature

Vice President Intellectual
Property Title & Litigation

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AUG 03 2005

RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Sébastien Raoux, Mandar Mudholkar,
William N. TaylorAdditional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other:	

Execution Date: November 12, 1997

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: November 12, 1997

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patent Counsel
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O. Box 450A, M/S 2061
Santa Clara, California 95052

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed Charge Fees to Deposit Account
 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account

8. Deposit account number: 20-1430

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William L. Shaffer
Name of Person SigningWilliam L. Shaffer
SignatureDecember 1, 1997
Date

Atty. Reg. No. 37,234

Total number of pages including cover sheet, attachments, and document: 310. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

Asst. Commissioner for Patents
Box Assignments
Washington, D.C. 20231

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	SÉBASTIEN RAOUX 728 Alabama, #202 San Francisco, California 94110	2)	MANDAR MUDHOLKAR 1401 Red Hawk Circle, #L201 Fremont, California 94538
3)	WILLIAM N. TAYLOR 6877 Maple Drive Dublin, California 94568	4)	
5)		6)	
7)		8)	

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**"METHOD AND APPARATUS FOR MONITORING AND ADJUSTING
CHAMBER IMPEDANCE"**

for which application for Letters Patent in the United States was filed on herewith, under Serial No. unassigned, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

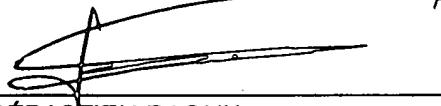
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

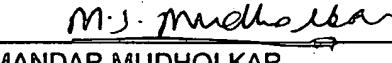
4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

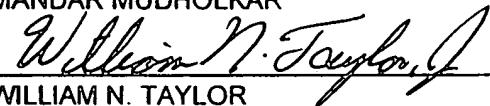
1) November 7, 1997


SÉBASTIEN RAOUX

2) November 7, 1997


MANDAR MUDHOLKAR

3) NOVEMBER 7, 1997


WILLIAM N. TAYLOR